SEARCH REQUEST FORM   Scientific and Technical Information Center - EIC2800

Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date 7/9/06   Serial # 10/796,427   Priority Application Date 7/23/03

Your Name M. Lewis   Examiner # _____

AU 2822   Phone 292-1848   Room JA30

In what format would you like your results? Paper is the default.   (PAPER)   DISK   EMAIL

If submitting more than one search request form, please prioritize the searches in order of need.

Where have you searched so far on this case?
Circle: USPT   DWPI   EPO Abs   JPO Abs   IBM TDB
Other:_____

Need before 7/15

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.
_____

What types of <u>references</u> would you like? Please checkmark:

Primary Refs __✓__   Nonpatent Literature ____   Teaching Refs ____
Secondary Refs __✓__   Foreign Patents ____   Other _____

Is this a "Fast & Focused Search" request? (Circle One)   YES   (NO)

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at
http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search?   Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

Claims 69 - 90
Post Passivation Metal

Problem: See Figs 2-4
Solution: "   "   5+6

Reduce the capacitive couply between
the inductor and substrate.

US 6,545,353   US 5,783,868
6,806,578   6,720,243

Staff Use Only

Searcher: M. M. ms

Searcher Phone: 25928

Searcher Location: STIC-EIC2800, JEF-4B68

Date Searcher Picked Up: _____

Date Completed: 7/14/06

Searcher Prep/Rev Time: _____

Online Time: _____

Type of Search	Vendors
Structure (#)_____	STN_____
Bibliographic_____	Dialog_____
Litigation_____	Questel/Orbit_____
Fulltext_____	Lexis-Nexis_____
Patent Family_____	WWW/Internet_____
Other_____	Other_____

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=> d his full

        (FILE 'HOME' ENTERED AT 11:23:33 ON 14 JUL 2006)

        FILE 'CAPLUS' ENTERED AT 11:23:51 ON 14 JUL 2006
L1              1 SEA ABB=ON  PLU=ON  US20050017361/PN
                SEL RN
L2        1204187 SEA ABB=ON  PLU=ON  (12033-62-4/BI OR 12642-02-3/BI OR
                25583-20-4/BI OR 7429-90-5/BI OR 7440-02-0/BI OR 7440-47-3/BI
                OR 7440-50-8/BI OR 7440-57-5/BI)
L3              1 SEA ABB=ON  PLU=ON  L1 AND L2
                D IBIB ABS HITSTR HITIND
L4         118685 SEA ABB=ON  PLU=ON  INTERCONNECT OR DAMASCE? OR LSI OR ULSI OR
                VLSI OR IC OR LARGE SCALE INTEGRAT? OR INTEGRAT? CIRCUIT?
L5         114852 SEA ABB=ON  PLU=ON  PASSIV?
L6          75976 SEA ABB=ON  PLU=ON  (FIRST OR SECOND OR PLURALITY OR MULTIPL?
                OR MANY OR SEVERAL OR STACK? OR THIRD)(4W) (LAYER OR FILM OR
                COAT? OR LAMINA?)
                S COPPER/CN

        FILE 'REGISTRY' ENTERED AT 11:32:07 ON 14 JUL 2006
L7              1 SEA ABB=ON  PLU=ON  COPPER/CN

        FILE 'CAPLUS' ENTERED AT 11:32:08 ON 14 JUL 2006
L8         513289 SEA ABB=ON  PLU=ON  L7
                S GOLD/CN

        FILE 'REGISTRY' ENTERED AT 11:32:17 ON 14 JUL 2006
L9              1 SEA ABB=ON  PLU=ON  GOLD/CN

        FILE 'CAPLUS' ENTERED AT 11:32:17 ON 14 JUL 2006
L10        164066 SEA ABB=ON  PLU=ON  L9
                S CHROMIUM/CN

        FILE 'REGISTRY' ENTERED AT 11:32:38 ON 14 JUL 2006
L11             1 SEA ABB=ON  PLU=ON  CHROMIUM/CN

        FILE 'CAPLUS' ENTERED AT 11:32:39 ON 14 JUL 2006
L12        190559 SEA ABB=ON  PLU=ON  L11
                S TITANIUM/CN

        FILE 'REGISTRY' ENTERED AT 11:33:06 ON 14 JUL 2006
L13             1 SEA ABB=ON  PLU=ON  TITANIUM/CN

        FILE 'CAPLUS' ENTERED AT 11:33:06 ON 14 JUL 2006
L14        164184 SEA ABB=ON  PLU=ON  L13
                S N.TI/MF

        FILE 'REGISTRY' ENTERED AT 11:33:39 ON 14 JUL 2006
L15           274 SEA ABB=ON  PLU=ON  N.TI/MF

        FILE 'CAPLUS' ENTERED AT 11:33:40 ON 14 JUL 2006
L16          3686 SEA ABB=ON  PLU=ON  L15
                S N TI/ELF

        FILE 'REGISTRY' ENTERED AT 11:33:48 ON 14 JUL 2006
L17        212975 SEA ABB=ON  PLU=ON  TI/ELF
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        FILE 'REGISTRY' ENTERED AT 11:37:17 ON 14 JUL 2006
L18         142 SEA ABB=ON   PLU=ON   TI.W/MF
L19           3 SEA ABB=ON   PLU=ON   TI W/ELF

        FILE 'CAPLUS' ENTERED AT 11:37:39 ON 14 JUL 2006
L20        2509 SEA ABB=ON   PLU=ON   L18 OR L19
L21         164 SEA ABB=ON   PLU=ON   L4 AND L5 AND L6
L22          44 SEA ABB=ON   PLU=ON   L21 AND (L7 OR (COPPER OR CU))
L23           4 SEA ABB=ON   PLU=ON   L22 AND (L10 OR (GOLD OR AU))
L24           4 SEA ABB=ON   PLU=ON   L23 NOT L1
              D IBIB ABS HITSTR HITIND 1-4
L25           5 SEA ABB=ON   PLU=ON   L22 AND (L12 OR (CHROMIUM OR CR))
L26           3 SEA ABB=ON   PLU=ON   L25 NOT (L1 OR L24)
              D IBIB ABS HITSTR HITIND 1-3
L27           4 SEA ABB=ON   PLU=ON   L21 AND (L20 OR TIW)
L28           1 SEA ABB=ON   PLU=ON   L27 NOT (L1 OR L24 OR L26)
              D IBIB ABS HITSTR HITIND
L29        7030 SEA ABB=ON   PLU=ON   (12033-62-4 OR 12642-02-3)/RN
L30           9 SEA ABB=ON   PLU=ON   L21 AND L29
L31           6 SEA ABB=ON   PLU=ON   L30 NOT (L1 OR L24 OR L26 OR L28)
              D IBIB ABS HITSTR HITIND 1-6
L32          18 SEA ABB=ON   PLU=ON   L21 AND (L17 OR (TI OR TITANIUM))
L33          10 SEA ABB=ON   PLU=ON   L32 NOT (L1 OR L24 OR L26 OR L28 OR L31)
              D IBIB ABS HITSTR 1-10
L34     1302219 SEA ABB=ON   PLU=ON   OPEN? OR WINDOW OR EXPOS?
L35          71 SEA ABB=ON   PLU=ON   L21 AND L34
L36          20 SEA ABB=ON   PLU=ON   L35 AND (L8 OR (COPPER OR CU))
L37           4 SEA ABB=ON   PLU=ON   L36 AND L29
L38           0 SEA ABB=ON   PLU=ON   L37 NOT (L1 OR L24 OR L26 OR L28 OR L31)
L39           6 SEA ABB=ON   PLU=ON   L35 AND L29
L40           0 SEA ABB=ON   PLU=ON   L39 NOT (L1 OR L24 OR L26 OR L28 OR L31 OR
              L33)

        FILE 'WPIX' ENTERED AT 12:42:22 ON 14 JUL 2006
L41      407425 SEA ABB=ON   PLU=ON   INTERCONNECT OR DAMASCE? OR LSI OR ULSI OR
              VLSI OR IC OR LARGE SCALE INTEGRAT? OR INTEGRAT? CIRCUIT?
L42       46255 SEA ABB=ON   PLU=ON   PASSIV?
L43      164694 SEA ABB=ON   PLU=ON   (FIRST OR SECOND OR PLURALITY OR MULTIPL?
              OR MANY OR SEVERAL OR STACK? OR THIRD)(4W) (LAYER OR FILM OR
              COAT? OR LAMINA?)
L44         895 SEA ABB=ON   PLU=ON   L41 AND L42 AND L43
L45           1 SEA ABB=ON   PLU=ON   COPPER/CN
L46        3660 SEA ABB=ON   PLU=ON   L45/DCR
L47           1 SEA ABB=ON   PLU=ON   L44 AND L46
              D IALL
L48           1 SEA ABB=ON   PLU=ON   GOLD/CN
L49        2724 SEA ABB=ON   PLU=ON   L48/DCR
L50           0 SEA ABB=ON   PLU=ON   L44 AND L49
L51         100 SEA ABB=ON   PLU=ON   L44 AND (GOLD OR AU)
L52          77 SEA ABB=ON   PLU=ON   L51 AND (COPPER OR CU)
L53          25 SEA ABB=ON   PLU=ON   L52 AND ((TANTALUM OR TITANIUM OR TI OR
              TA)(W)(N OR NITRIDE) OR TAN OR TIN)
L54          18 SEA ABB=ON   PLU=ON   L53 AND L34
              D IFULL 1-18

        FILE 'INSPEC, COMPENDEX' ENTERED AT 12:55:51 ON 14 JUL 2006
L55      475292 SEA ABB=ON   PLU=ON   L4
L56      151971 SEA ABB=ON   PLU=ON   L5
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L57        51321 SEA ABB=ON  PLU=ON  L6
L58       703730 SEA ABB=ON  PLU=ON  L34
L59           19 SEA ABB=ON  PLU=ON  L55 AND L56 AND L57 AND L58
L60           19 DUP REM L59 (0 DUPLICATES REMOVED)
              D IALL 1-19
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